



-1-

SEQUENCE LISTING

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<120> Inducing Cellular Immune Responses To
p53 Using Peptide And Nucleic Acid Compositions

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<141> 1999-12-10

<150> US 08/027,146

<151> 1993-03-05

<150> US 08/073,205

<151> 1993-06-04

<150> US 08/159,184

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1 5 10

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1 5

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1 5 10

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Gln	Ser	Gln	His	Met	Thr	Glu	Val	Val	Arg	Arg
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1 5 10 15

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<400> 1092

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<210> 1093

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<400> 1093

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<400> 1094

Ser	Phe	Glu	Val	Arg	Val	Cys	Ala	Cys	Pro	Gly	Arg	Asp	Arg	Arg
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<210> 1095

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<400> 1095

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<210> 1096

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<400> 1096

Ser	Pro	Ala	Leu	Asn	Lys	Met	Phe	Cys	Gln	Leu	Ala	Lys	Thr	Cys
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<210> 1097

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Ser Gln Ala Met Asp Asp Leu Met Leu Ser Pro Asp Asp Ile Glu
1 5 10 15

<210> 1098
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Ser Ser Ser Val Pro Ser Gln Lys Thr Tyr Gln Gly Ser Tyr Gly
1 5 10 15

<210> 1099
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<212> PRT
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<400> 1099
Ser Val Val Val Pro Tyr Glu Pro Pro Glu Val Gly Ser Asp Cys
1 5 10 15

<210> 1100
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Ser Trp Pro Leu Ser Ser Ser Val Pro Ser Gln Lys Thr Tyr Gln
1 5 10 15

<210> 1101
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<212> PRT
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<220>
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1 5 10 15

<210> 1102
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 Val Glu Tyr Leu Asp Asp Arg Asn Thr Phe Arg His Ser Val Val
 1 5 10 15

<210> 1103
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 1 5 10 15

<210> 1104
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 1 5 10 15

<210> 1105
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 1 5 10 15

<210> 1106
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<210> 1107
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 1 5 10 15

<210> 1108
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 1 5 10 15

<210> 1109
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<210> 1110
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 1 5 10 15

<210> 1111
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<210> 1113

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<400> 1113

Leu	Trp	Lys	Leu	Leu	Pro	Glu	Asn	Asn	Val	Leu	Ser	Pro	Leu	Pro
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<210> 1114

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<400> 1114

Pro	Pro	Glu	Val	Gly	Ser	Asp	Cys	Thr	Thr	Ile	His	Tyr	Asn	Tyr
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<220>

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<400> 1115

Pro	Val	Gln	Leu	Trp	Val	Asp	Ser	Thr	Pro	Pro	Pro	Gly	Thr	Arg
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<210> 1116

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<400> 1116

Gln	His	Leu	Ile	Arg	Val	Glu	Gly	Asn	Leu	Arg	Val	Glu	Tyr	Leu
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<220>

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<400> 1117

Arg	Phe	Glu	Met	Phe	Arg	Glu	Leu	Asn	Glu	Ala	Leu	Glu	Leu	Lys
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<400> 1118

Arg	Val	Glu	Tyr	Leu	Asp	Asp	Arg	Asn	Thr	Phe	Arg	His	Ser	Val
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<400> 1119

Ser	Val	Val	Val	Pro	Tyr	Glu	Pro	Pro	Glu	Val	Gly	Ser	Asp	Cys
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<210> 1120

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Gly	Glu	Tyr	Phe	Thr	Leu	Gln	Ile	Arg	Gly	Arg	Glu	Arg	Phe	Glu
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<210> 1121

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1 5 10 15

<210> 1122
<211> 15
<212> PRT
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<220>
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<400> 1122
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1 5 10 15

<210> 1123
<211> 9
<212> PRT
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<220>
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<400> 1123
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1 5

<210> 1124
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<212> PRT
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1 5

<210> 1125
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1 5

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<400> 1126
Met Pro Glu Ala Ala Pro Pro Val Ala
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<210> 1127
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<210> 1128
<211> 9
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<220>
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<400> 1128
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1 5

<210> 1129
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<212> PRT
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<220>
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1 5

<210> 1130
<211> 9
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<210> 1131

<211> 9

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1

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<210> 1132

<211> 9

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1

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<210> 1133

<211> 9

<212> PRT

<213> Artificial Sequence

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<400> 1133

Val Leu Ser Pro Leu Pro Ser Gln Ala

1

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<210> 1134

<211> 9

<212> PRT

<213> Artificial Sequence

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<223> Synthetic Peptide

<400> 1134

Leu Ala Lys Thr Cys Pro Val Gln Leu

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<210> 1135

<211> 9

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1 5

<210> 1136
<211> 9
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<210> 1137
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<400> 1137
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1 5

<210> 1138
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1 5

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1 5

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<210> 1141

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Trp Phe Thr Glu Asp Pro Gly Pro Asp
1 5

<210> 1142

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<400> 1142

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<400> 1143

Leu His Ser Gly Thr Ala Lys Ser Val
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<400> 1145
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<210> 1146
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<220>
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<400> 1146
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<210> 1147
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<400> 1147
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<210> 1148
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<400> 1148
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1 5

<210> 1149
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<210> 1151
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<210> 1152
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<400> 1152
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1 5

<210> 1153
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<210> 1154
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<210> 1159

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1 5

<210> 1163
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1 5

<210> 1164
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<220>

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<210> 1166

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<210> 1167

<211> 9

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Phe Arg Leu Gly Phe Leu His Ser Gly
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<210> 1168

<211> 9

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1 5

<210> 1169

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<210> 1170
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<210> 1172
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<400> 1172
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1 5

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<210> 1178
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1 5

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<400> 1180
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<210> 1181
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<400> 1181
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1 5

<210> 1183
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<400> 1183
Met Phe Arg Glu Leu Asn Glu Ala Leu
1 5

<210> 1184
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<210> 1185
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<400> 1185
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1 5

<210> 1186
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Phe Thr Leu Gln Ile Arg Gly Arg Glu
1 5

<210> 1187
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<400> 1187
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1 5

<210> 1188
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<400> 1188

Tyr Lys Gln Ser Gln His Met Thr Glu
1 5

<210> 1189

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<400> 1189

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<400> 1190

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<400> 1191

Phe Leu Pro Ser Asp Tyr Phe Pro Ser Val
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<210> 1192

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<400> 1192

Phe Leu Pro Ser Asp Tyr Phe Pro Ser Val
1 5 10

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<400> 1193
Phe Leu Pro Ser Asp Tyr Phe Pro Ser Val
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<210> 1194
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<400> 1195
Phe Leu Pro Ser Asp Tyr Phe Pro Ser Val
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1 5

<210> 1197
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<400> 1197
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1 5 10

<210> 1198
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<400> 1198
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1 5

<210> 1199
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1 5 10

<210> 1200
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1 5 10

<210> 1201
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<400> 1201
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1 5 10

<210> 1202
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<210> 1203
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Tyr Met Cys Asn Ser Ser Cys Met Gly Gly Met
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Ala Leu Pro Pro Val Ala Pro Val
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Ala Leu Asn Lys Met Phe Cys Gln Leu
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Lys Arg Ala Leu Pro Asn Asn Thr Ser Ser Ser Pro Gln Pro Lys
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Asp Gly Glu Tyr Phe Thr Leu Gln Ile Arg Gly Arg Glu Arg Phe
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<212> PRT

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<210> 1468

<211> 14

<212> PRT

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Leu Asn Lys Met Phe Cys Gln Leu Ala Lys Thr Cys Pro Val
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Glu Pro Pro Leu Ser Gln Glu Thr Phe Ser Asp Leu Trp Lys Leu
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<212> PRT

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Pro	Val	Gln	Leu	Trp	Val	Asp	Ser	Thr	Pro	Pro	Pro	Gly	Thr	Arg
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<211> 15

<212> PRT
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<210> 1476
<211> 15
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<210> 1477
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<211> 15
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1 5 10 15

<210> 1480
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1 5 10 15

<210> 1482
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1 5 10 15

<210> 1483
<211> 15
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<220>
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<210> 1485
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<210> 1486
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<210> 1487
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<210> 1488
 <211> 21
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 <213> Plasmodium falciparum

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 Asp Ile Glu Lys Lys Ile Ala Lys Met Glu Lys Ala Ser Ser Val Phe
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 Asn Val Val Asn Ser
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<210> 1489
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 <213> Streptococcus Aureus

 <400> 1489
 Gly Ala Val Asp Ser Ile Leu Gly Gly Val Ala Thr Tyr Gly Ala Ala
 1 5 10 15

<210> 1490
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<220>
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<223> Gly, Arg, or Asp

<400> 1492
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